

Claims

Having thus described the invention, what is claimed and desired to be secured by Letters Patent is:

7. An infusion pump for the delivery of an amount of a medicament to the body of a patient determinable by means of an electronic control device, the pump being provided with a computer for calculating the maximum permitted quantity to be administered each time as a function of any previously delivered quantity and the expected breaking down rate of the medicament, the pump further being provided with a blocking device for preventing further administration of the medicament on exceeding a predetermined, permitted maximum value, the infusion pump comprising:

a) the computer having a memory in which is stored a quantitative figure resulting from a summation of a total delivered medicament amount and a subtracting of a percentage of a quantity entered in the memory resulting from an expected breaking down of the medicament in the body, and

b) the computer having a comparator which constantly compares the quantity entered in the memory with a predetermined, permitted maximum value.

8. The infusion pump according to claim 7, further comprising a device which, with a predetermined time interval

corresponding to the expected breaking down of the medicament in the body, can subtract a fixed percentage of the quantity entered in the memory.

- 8 ~~8~~. An infusion pump according to claim 7, further comprising a device which with fixed, predetermined time intervals brings about a subtraction of a percentage of the quantity entered in the memory corresponding to the expected breaking down of the medicament.
- 9 ~~10~~. An infusion pump according to claim 8, wherein the infusion pump is implantable within the body of the patient and can be operated by an external control device.
- 10 ~~11~~. An infusion pump according to claim 10, wherein a first computer operates the infusion pump and a second computer operates the external control device.
- 11 ~~12~~. An infusion pump according to claim 9, wherein the infusion pump is implantable within the body of the patient and can be controlled by an external control device.
- 12 ~~13~~. An infusion pump according to claim 12, wherein a first computer operates the infusion pump and a second computer operates the external control device.